

## **CITY OF BURBANK**

### **POWER PLANT SHIFT SUPERVISOR**

#### **DEFINITION**

Under direction, during an assigned shift, to be in charge of the operation of a turbo electric generating plant and to do related work as required.

#### **ESSENTIAL FUNCTIONS**

Supervises, trains, and evaluates plant personnel in all phases of plant operation; operates plant equipment; starts, stops, and operates steam turbines and gas turbines; synchronizes, loads and adjusts voltage of electric generators; coordinates plant generation to the requirements of an electrical system; makes frequent inspection tours of the plant; takes whatever action necessary to cope with emergency conditions, correct malfunctioning equipment and protect plant property or equipment; maintains detailed plant logs and records; calculates plant fuel consumption and efficiency; writes repair orders; plans, coordinates and controls fuel use rates and quantities; isolates and clears mechanical and electrical equipment for maintenance; issues clearances after verifying the safety status of the equipment; assists in the performance of general plant maintenance during intervals of major equipment outage; drives on City business.

#### **MINIMUM QUALIFICATIONS**

##### **Employment Standards:**

- Knowledge of - construction details, operating characteristics and thermodynamic principles of steam turbo electric plants, and gas turbines; combustion principles, water conditioning equipment and water treatment chemistry; boiler safety orders of the State of California.
- Ability to - accurately evaluate emergency conditions and to take immediate corrective action; make accurate observations and records; train others in occupational hazards and safety precautions; maintain effective working relationships with supervisors, fellow employees, and the public.

**Education/Training:** Graduation from high school or equivalent and five years of shift operation in a steam-electrical plant, at least one of which must have been at or above the equivalent of Assistant Power Plant Engineer. NOTE: Additional qualifying experience may be substituted, year for year, for high school years lacking. Such experience must be in a steam turbo electric plant of 10 megawatt capacity or larger

**Special Conditions & Requirements:** Employees in this classification, who are required by applicable laws and regulations to have respiratory protection, shall comply with the American National Standards Institute's requirements on Practices for Respiratory Protection. One must be willing to work on a rotating shift and be responsible for good housekeeping.

**License & Certificates:** A valid California Class "C" driver's license or equivalent at time of appointment.

#### **SUPPLEMENTAL INFORMATION**

None.